

Figure 1

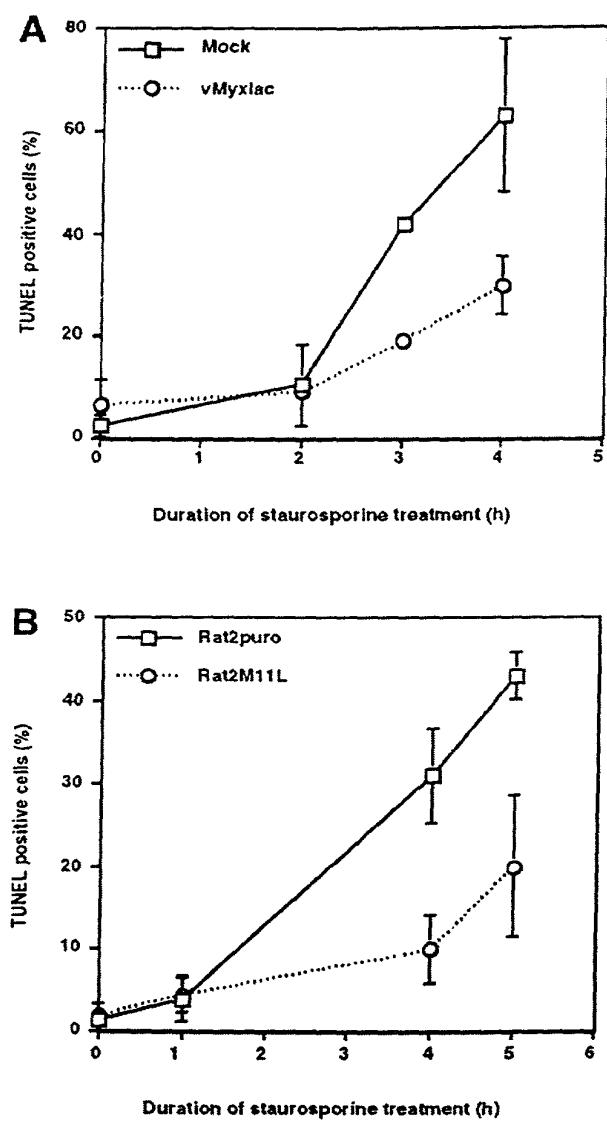


Figure 1 (con't)

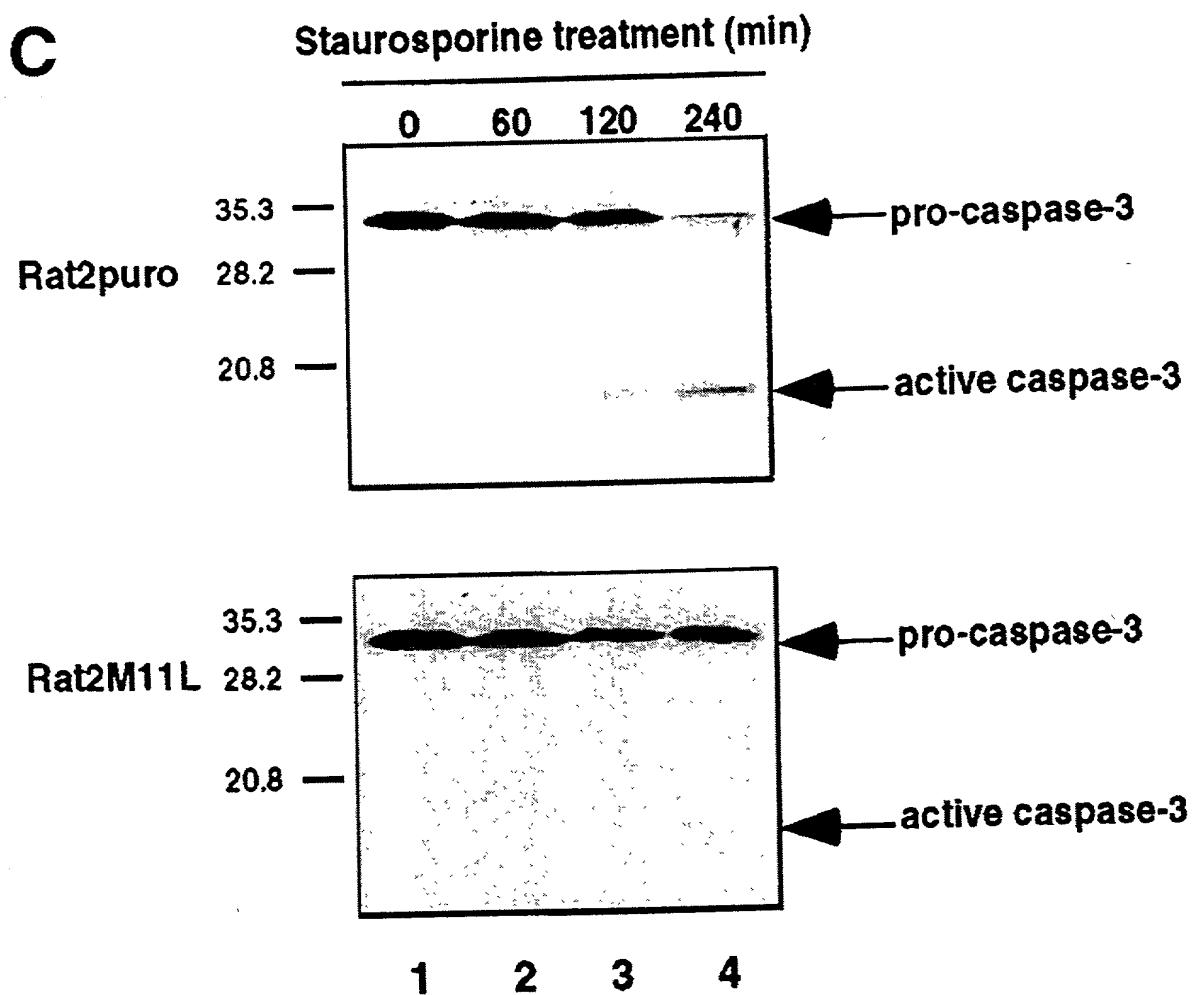


Figure 2

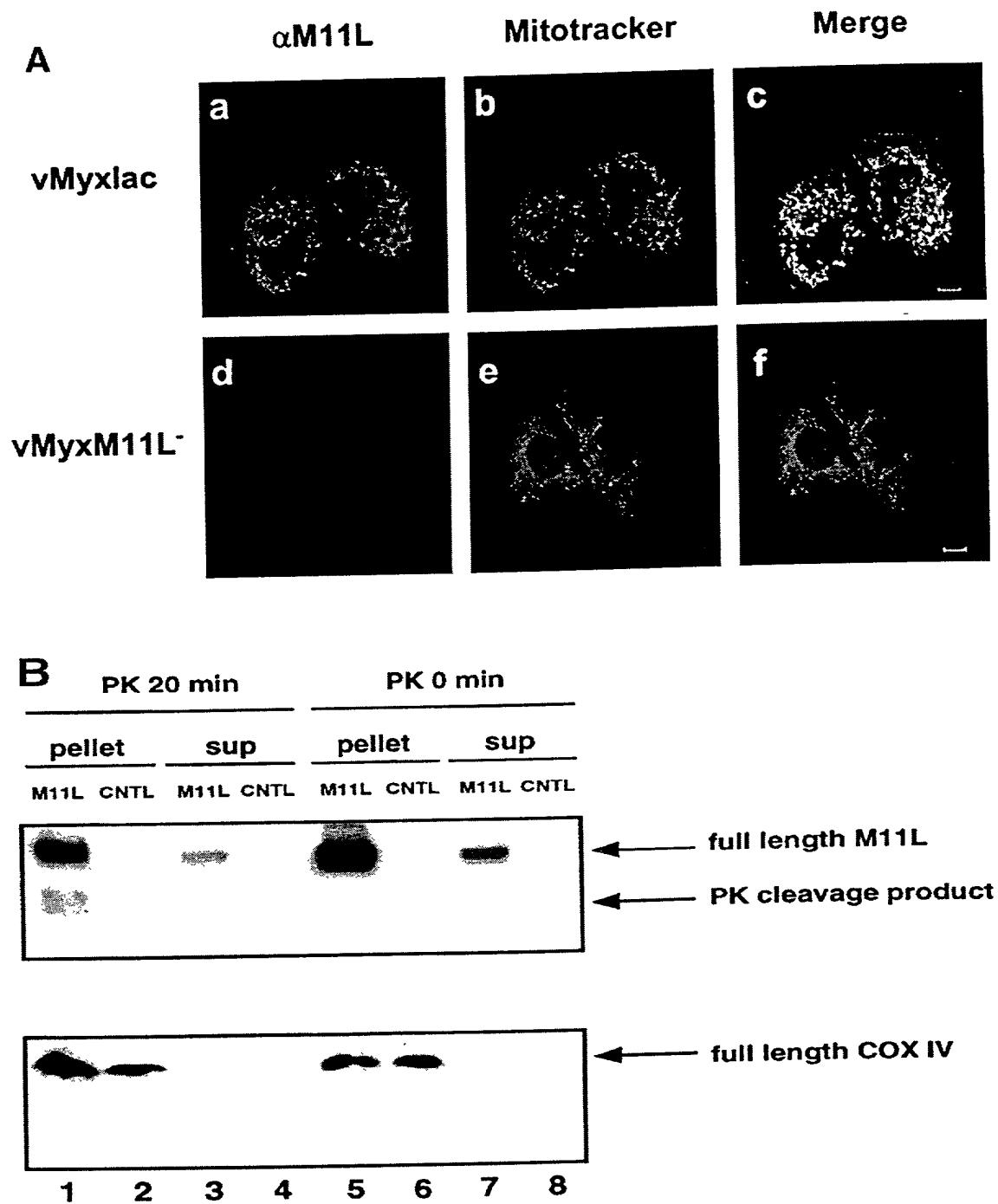


Figure 3

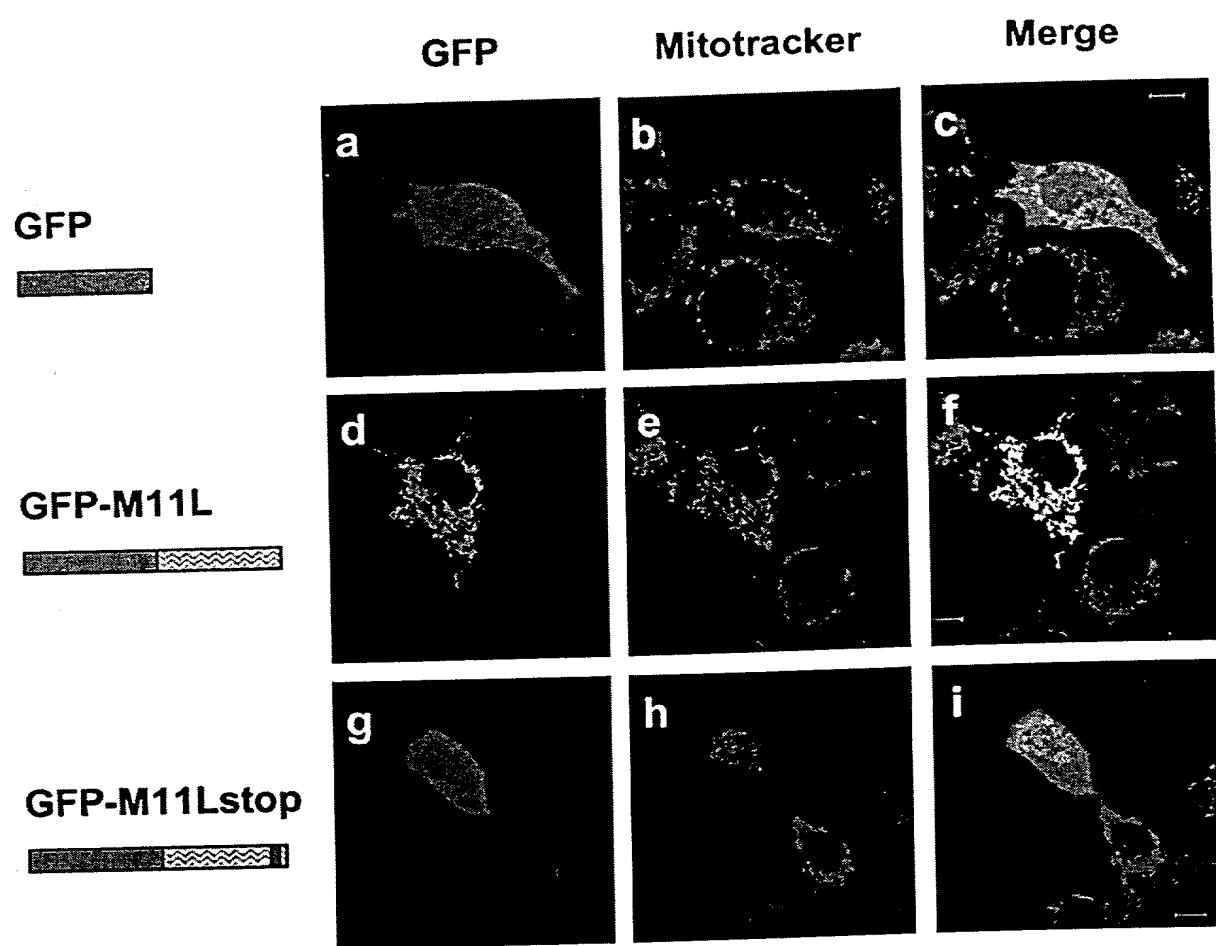


Figure 4

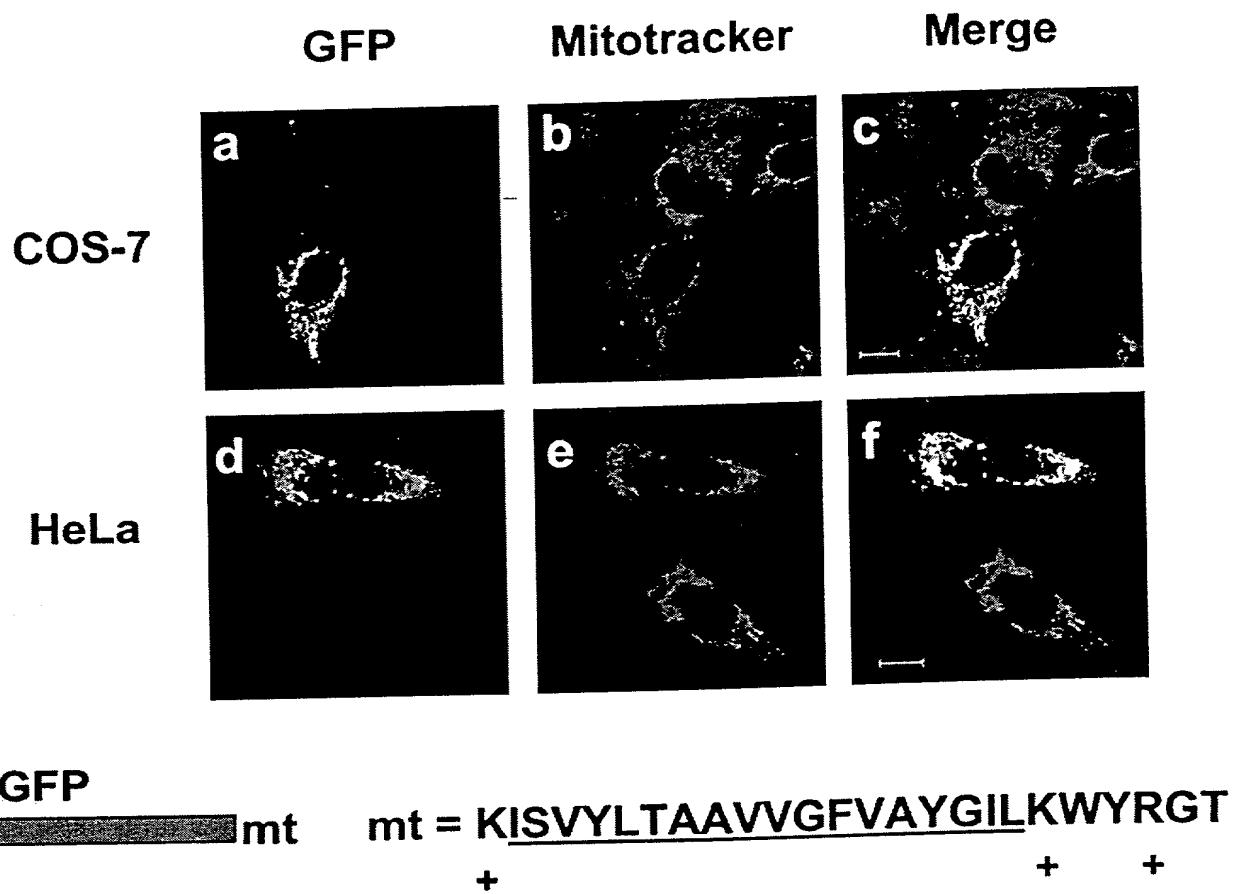


Figure 5

				domain is a mitochondrial targeting signal	domain is required for function
M11L	X	ISVYLTAAVVGFVAYGIL	K WYRGT	Y	Y
Bcl-2	X	TLLSLALVGACITLGAYLS	H K	Y	Y/N
Bcl-X _L	R	WFLTGMTVAGVVLLGSSLFS	R K	Y	Y/N
Boo/Diva	R	LLIQAFLSGFFATAIFFIW	K RL	?	?
CED-9	R	WSMIGAGVTAGAIGIVGVVVCG	R MMFSLX	?	?
BHRF-1	R	FSWTFLAGLTLSSLVICSYLFIS	R GRH	Y	Y
KsBcl-2	R	MTALLGSIALLATILAAVAMS	R R	?	?
Nip3	X	VFLPSLLLSHLLAIGLGIYIG	R RLTTSTSTF	Y	Y
Nix	X	VFIPSLFLSHVLALGLGIYIG	X RLSTPSA	Y	Y
positive charge		18-24 aa putative membrane-spanning domain		positive charge	positive tail

Figure 6

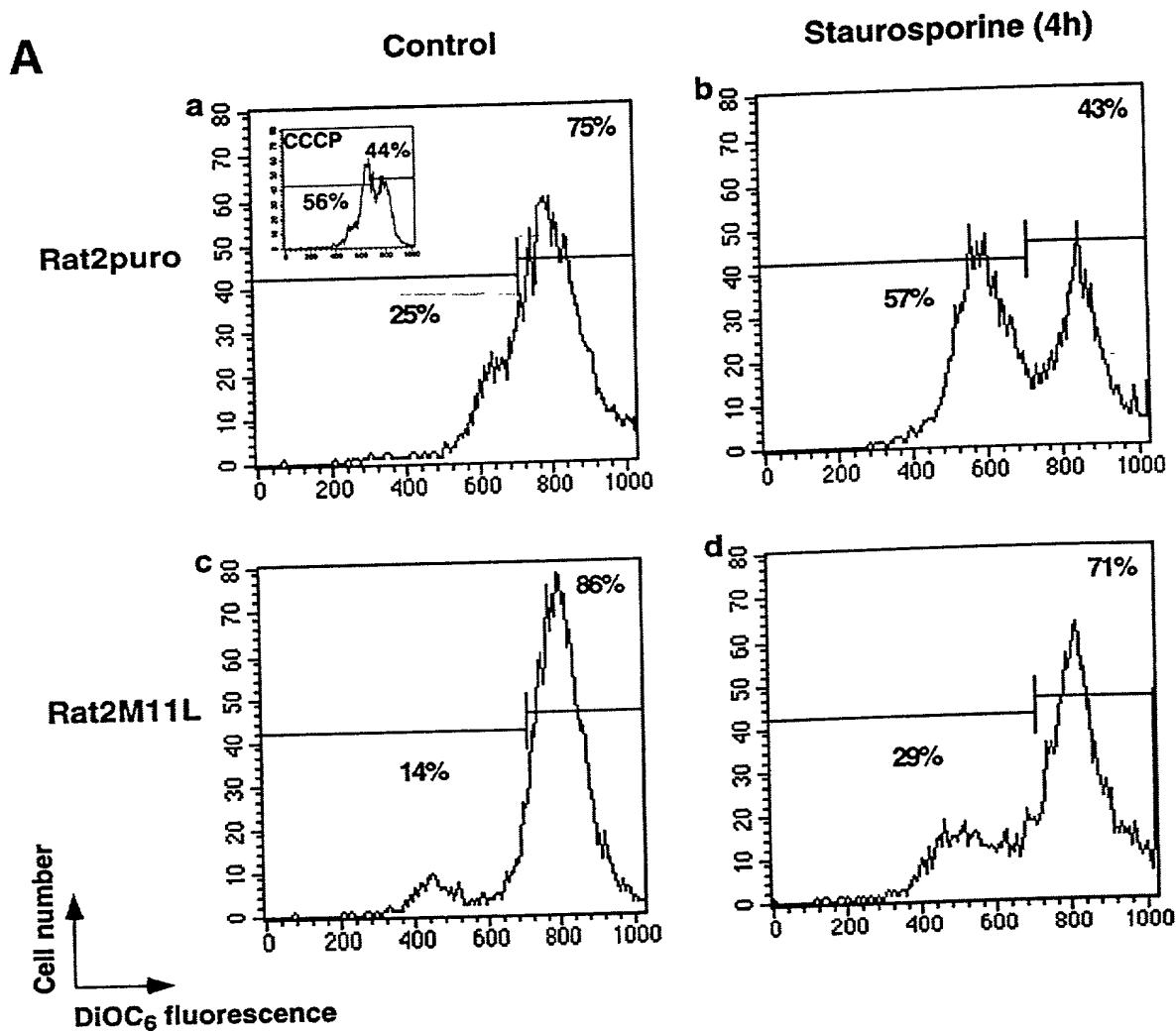


Figure 6 (con't)

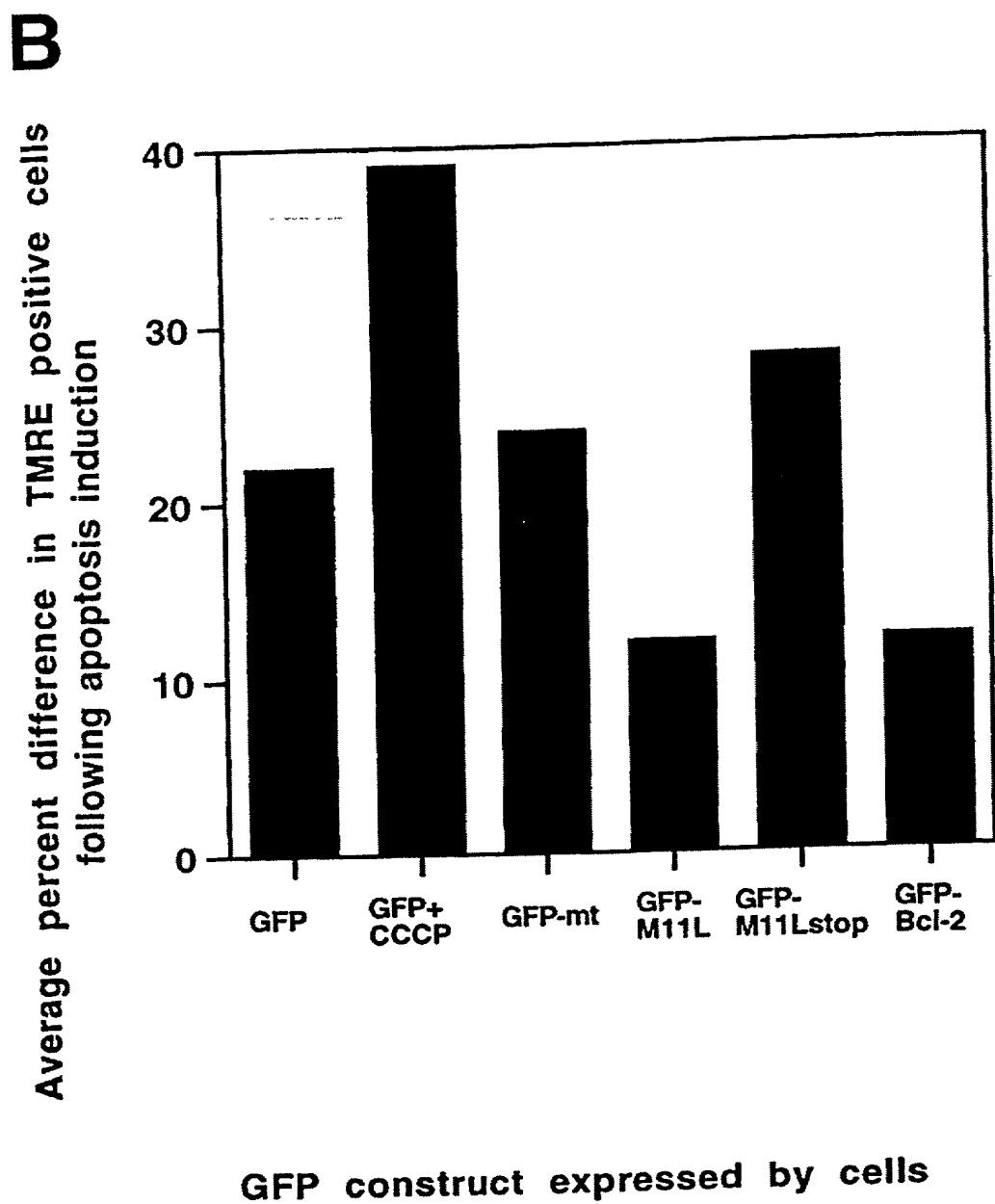
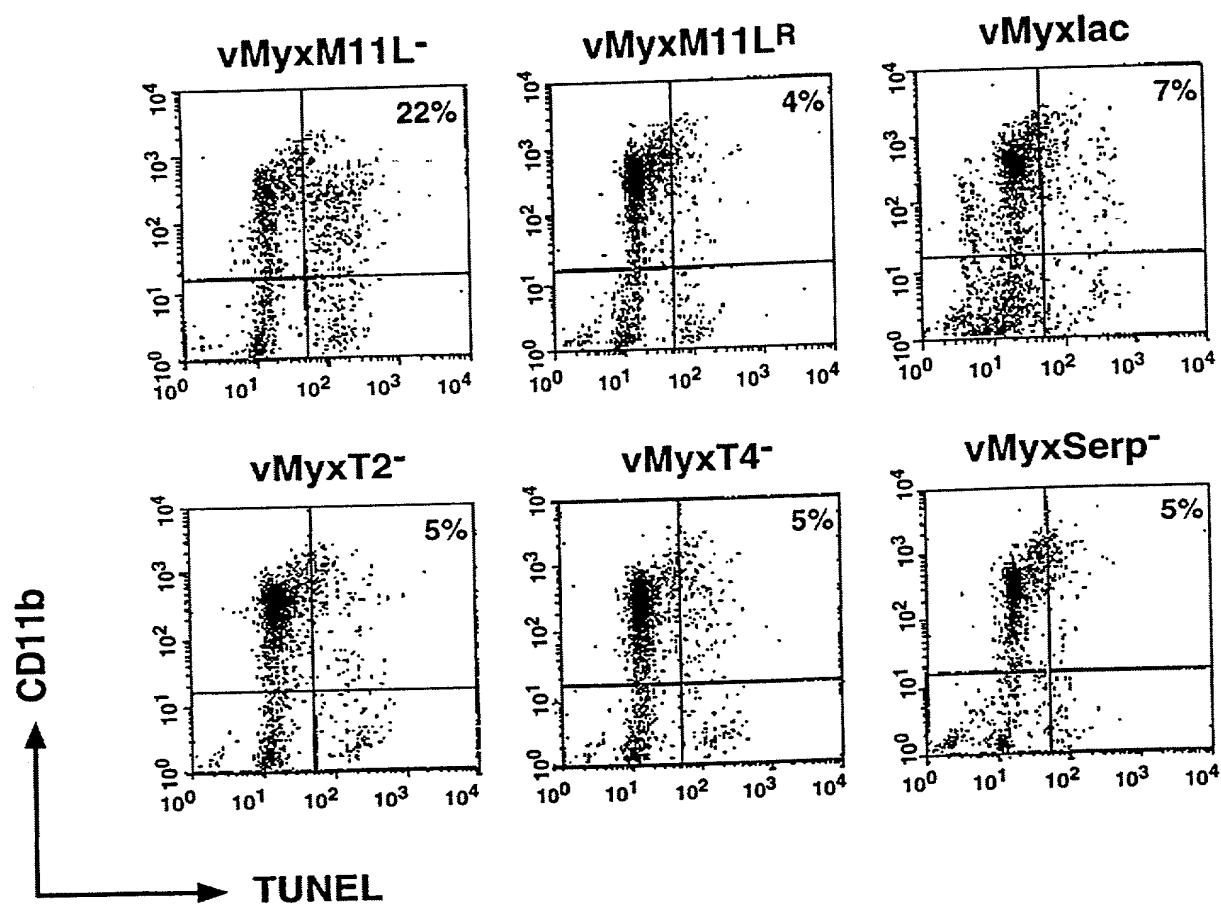


Figure 7



Process to Identify M11L-interacting Proteins

20 ml DMEM + 10% FBS + 100 U/ml pen/strep

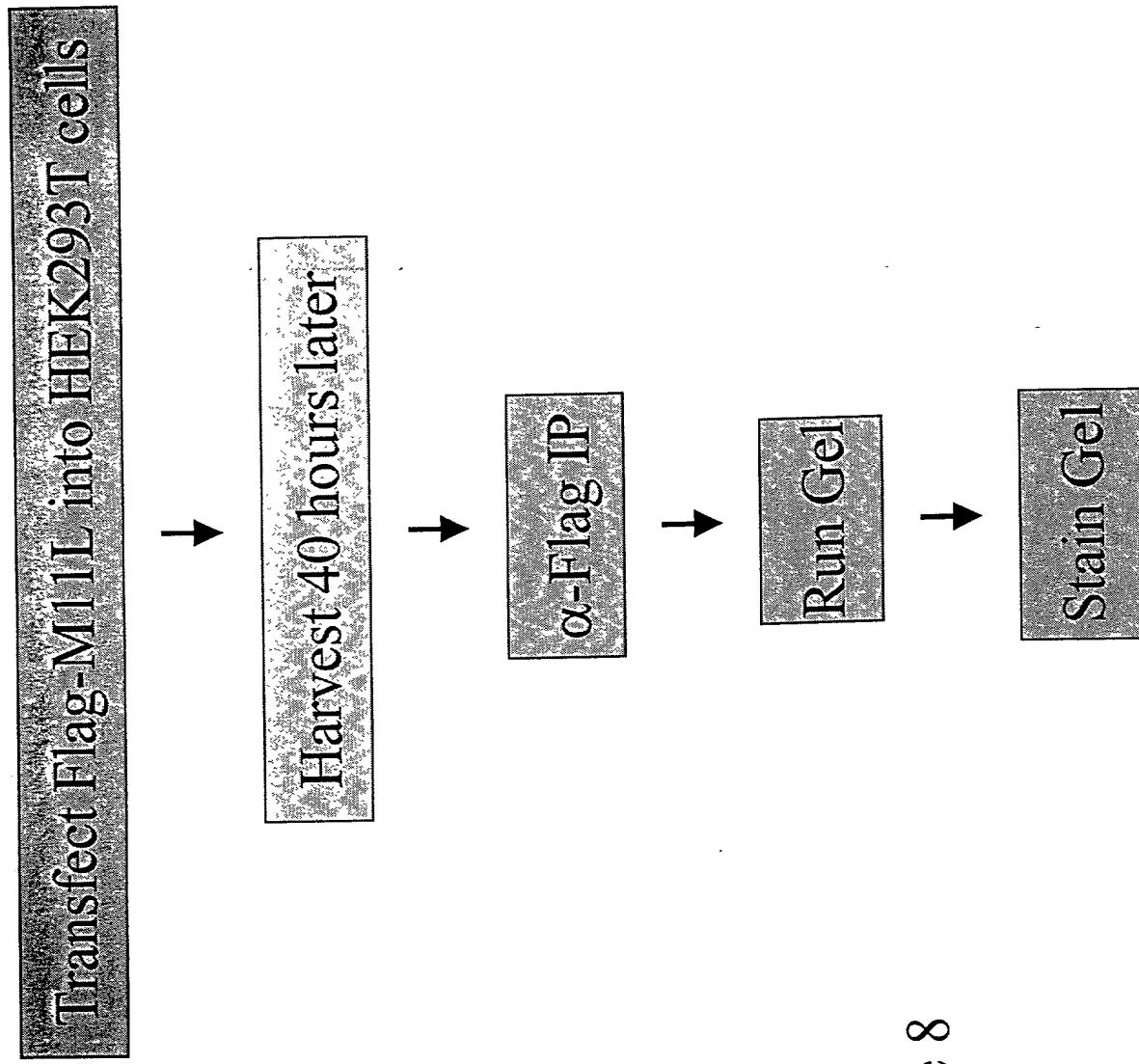


Figure 8

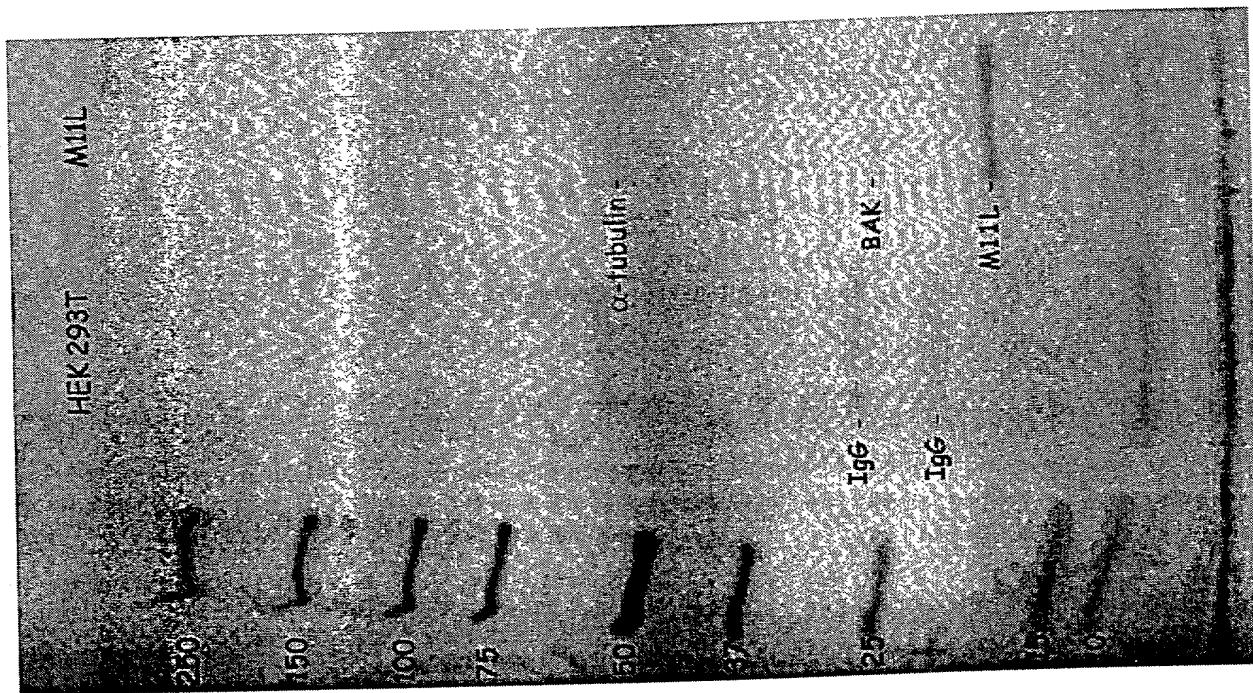
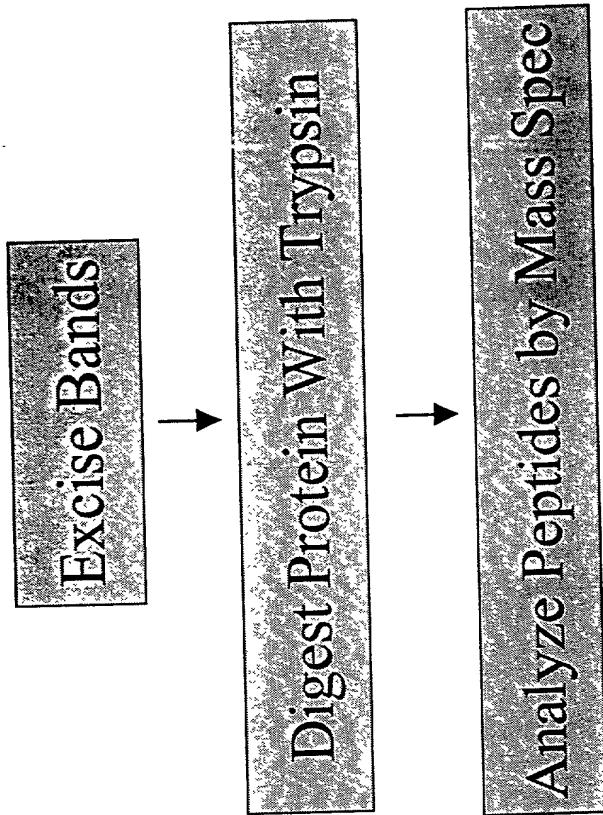
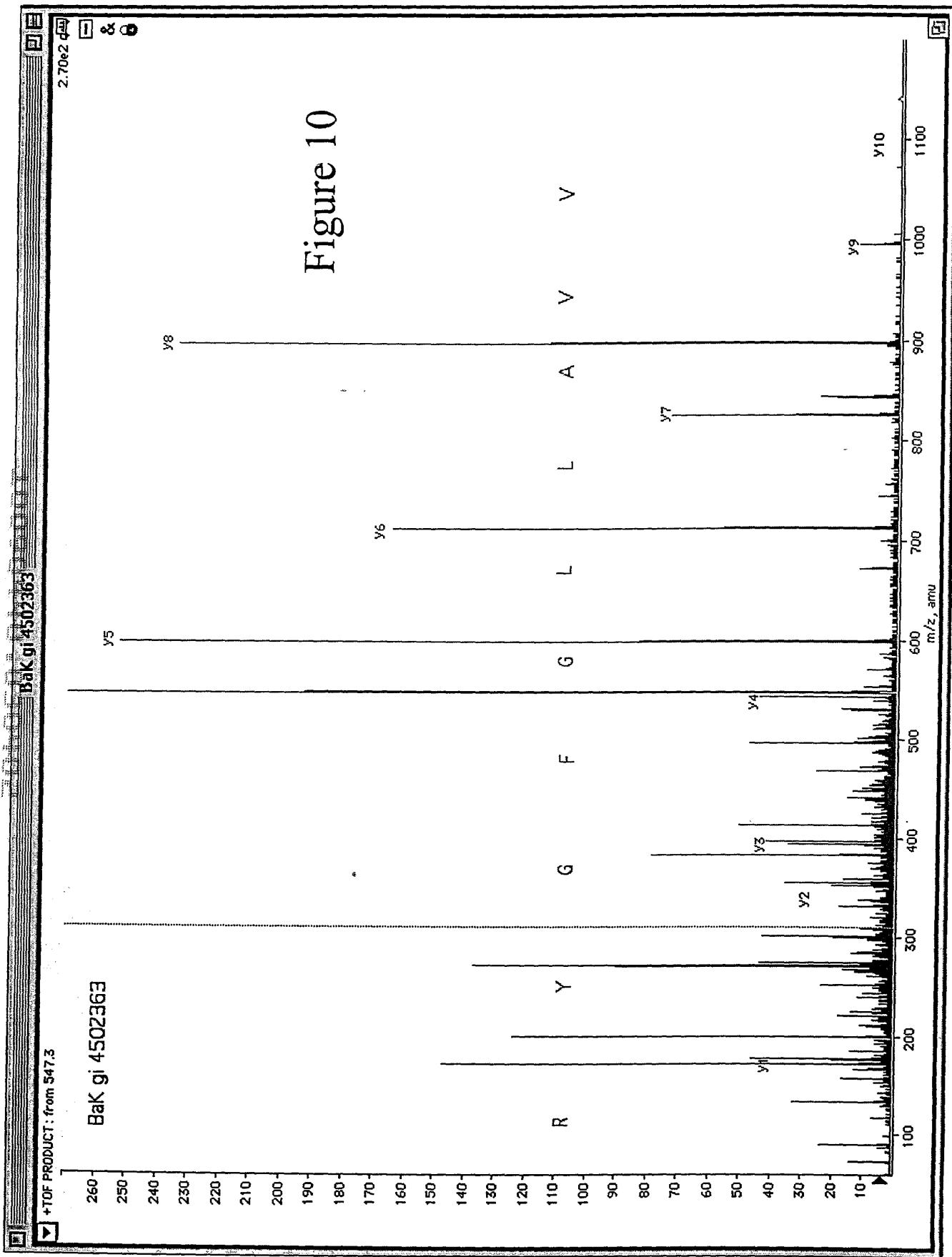


Figure 9

Figure 10



Bak, a Bcl2 family member, was identified
by Mass Spec

MASGQGPGRPPRQECCGEPALPSASEEEQVAQD
TEEVFRSYVFYRHQQEQAEGVAAAPADPEM
VTLPLQPSSTMGQVGR**QLAIIGDDINRRYD**
SEFQTMLQHQLQPTAENAYEYFTKIA**TSLFE**
SGINWGRVWALLGFGYRLALHVVYQH
GLTGFLGQVTRFWVDFMLHHCIARWIAQRGGWVA
ALNLGNGPILNVLVVLGVVLLGQFVVRRFFKS

Figure 11